



PRESENTATION OF THE COMPANY

TECHNOLOGY FOR ENERGY EFFICIENCY AND SUSTAINABILITY



BUILDING AUTOMATION AND INDUSTRIAL CONTROL
 CONTROL CABINET PRODUCTION, M&C SYSTEM AND
 ELECTRICAL SYSTEM CONSTRUCTION
 ENERGY EFFICIENCY TECHNOLOGY
 ENERGY MANAGEMENT SYSTEMS



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FIGURES AND FACTS



Year of foundation 1993 / HRB 6411 in 04177 Leipzig,
Röntgenstraße 13

1995 Relocation to the industrial estate Nordost,
Heiterblickstraße 42, 04347 Leipzig

From 2009 expansion of office and manufacturing
areas, doubling of business premises



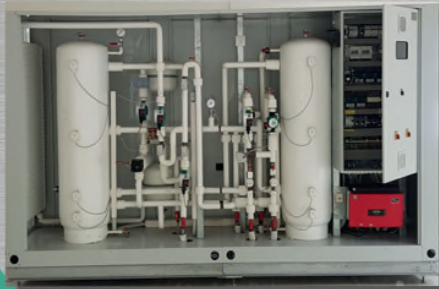
Certification ISO 9001:2015

Certification AMS according to VG and OHSAS 18001
Reg.-No. 031099840000/608

Certification eurenac - European Academy
for Efficient Energy Use

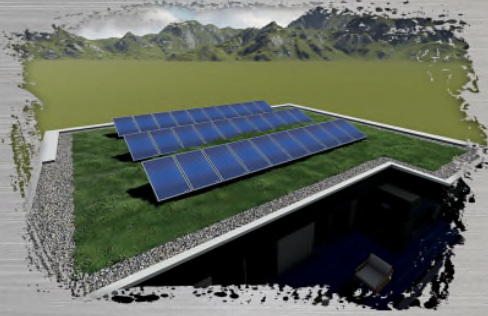
Certification BTGA /TGA Energetic inspection of air
conditioning systems according to §12EnEV

COMPETENCE



- Automation technology
- Switchgear construction and electrical technology
- Measuring and control technology
- Research & development for energy-efficient technologies and sustainability
- Building and process control technology, visualization of energy monitoring, remote control
- Cross-system IT / BUS integration
- Energy management varecon® DIN EN ISO 50001
- eurenac European Academy for Energy Efficiency
- Continuing Education and Training
- Maintenance, inspection and service

EFFICIENCY • COMFORT • SECURITY



GreenTech and GreenEconomy in a global context

- Decoupling of rising raw material and energy prices
- No exhaust fumes, preservation of the healthy environment, no fossil fuels, no pollution for humans
- Regenerative energy production: electricity, climate and ventilation, for example solar technology and heat pump
- Electricity storage and energy recovery
- Monitoring, remote control and smart operation
- Self-optimizing energy management
- Healthy room climate with purified air
- Roof drainage for filtered utility water, for example sanitary installations

OUR QUALIFICATION



OUR QUALIFICATION



Die
bau msr GmbH
04347 Leipzig

hat ihre Kompetenz im Umgang mit den Systemen vom Team Schneider Electric nachgewiesen und erhält hiermit den Status eines



Authorized by
Schneider Electric

Schwerpunkt:
Gebäudeautomation

Das Unternehmen ist berechtigt unter dieser Bezeichnung als Partner von Schneider Electric am Markt aufzutreten.

M. Kottig
Markus Kottig
VP, Marketing Business DACH
General Management

Christine Beck-Sablonki
Christine Beck-Sablonki
Leitung Channel Management
EcoXpert Partnerprogramm

Schneider Electric GmbH®
Ratingen, März 2018



BUNDESREPUBLIK DEUTSCHLAND



URKUNDE
über die Eintragung der Marke
Nr. 300 37 883
ANZ. 300.37.883.038

VARCOON

Markeninhaber:
bau msr GmbH, Leipzig

Tag der Anmeldung: 18.08.2000 Tag der Eintragung: 17.11.2000

Der Präsident des Deutschen Patent- und Markenamts

Dr. Landfester
Dr. Landfester



Deutsches Patent- und Markenamt
Dienststelle Jena



Jena, den 25.04.2010
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Deutsches Patent- und Markenamt... 07138 Jena
FDL: Verleihen Sie bitte
Merkmal: 4
04329 Leipzig

in Zeichen:
Bitte bei allen Eingaben Angebots- und Genehmigungsanträge mit dem Stempel "Eingereicht" versehen, bei Leistungen zusätzlich die Leistungsbeschreibung einreichen!

Verlängerungsbewilligung

Sehr geehrte Damen und Herren,
die Verlängerung der Schutzdauer der Wortmarke 300 37 883
VARCOON
wurde im Register vermerkt.
Die neue Schutzdauer endet am 31.05.2020.
Eine Veröffentlichung erfolgt (voraussetzungslos) im Teil 4 des Markenblatt-Hefes 18/2010 (07.05.2010).

Mit freundlichen Grüßen
Markenabteilung



Königsplatz
Teilbeschäftigte

TRAINING





















Our alternating annual training program:
"Efficiency through an optimized overall system"

Domestic connection and local heating systems:

- Hydraulics, design, system schematics
basics, planning, dimensioning and operation
- Control, management, Central Energy Management
Reference EnEV 2017 and GEFMA 124 Parts 1-3; basics, planning, dimensioning and operation
- Process control, visualization, internet BMS, alarms, trends, data storage
Basics, planning and operations



REFERENCES OVERVIEW

 <p>Mercedes-Benz</p> <p>Mercedes Benz Ludwigsfelde</p>	<p>BMW AG Niederlassung Leipzig Alte Messe</p> 	 <p>Stadt Leipzig</p>	 <p>Sparkasse</p> <p>Kreisparkasse Naunhof</p>
 <p>VW Werk Mosel</p>	 <p>Bauhaus Dessau</p>	 <p>COMMERZBANK ARENA</p>	 <p>Thomaskirche Leipzig Freistaat Sachsen</p>
 <p>Bundeswehr</p> <p>Bundeswehrcaserne in Lindhardt, Marienberg und Leipzig</p>	 <p>NATO Airbase Ramstein und Grafenwöhr</p>	<p>Stadtwerke Leipzig</p> <p>Alles ganz einfach.</p> 	 <p>ibis</p> <p>ACCOR hotels</p>
 <p>FLUGHAFEN LEIPZIG-HALLE</p> <p>Internationaler Airport Leipzig / Halle</p>	<p>DAIMLERCHRYSLER</p> <p>Daimler Chrysler Maybachcenter Sindelfingen</p>	 <p>GEWANDHAUS ZU LEIPZIG</p>	<p>KREISKRANKENHAUS ALIENBURG gumbert</p>  <p>Kreis Krankenhaus Altenburg Thüringen</p>
<p>Freie Universität</p>  <p>Berlin</p>	 <p>UNIVERSITÄT LEIPZIG 1409 2009 ALMA MATER LEIPZENSIS</p> <p>Universität Leipzig</p>	<p>BELANTIS</p> <p>Vergnügungspark Leipzig</p>	 <p>RED BULL Arena Leipzig</p>

REFERENCE NATIONAL



Potsdam train station and shopping arcades
Babelsberger Str. 16, 14473 Potsdam

Integration of an intelligent energy management system

Building details:

- New opening of the biggest Potsdam train station on 09.12.1999
- Conversion and energetic renovation of the TGA from 2015-2018
- about 70 tenants from small (lotto shop) to large (UCI cinema)
- 6-storey building ensemble on 56,000m² of rental space
- half are retail space

**BAHNHOF
PASSAGEN**
Abgefahren shoppen – mitten in Potsdam.



Scope of service:

- Energy efficiency through energy-efficient refurbishment for the first integrated project from a modern railway station & shopping center in the Federal Republic of Germany
- Number of processed data points: approx. 9850
- The shopping center in the state capital of Brandenburg impresses people with its innovative concept:
- Energy-optimized control and monitoring of heating, ventilation and air conditioning
- Intelligent energy management and control of technical systems
- Energy-specific and user-specific operation mode of the respective shops
- Use of the latest control technology components

REFERENCE NATIONAL



Security printing company (WPD)
Johannisgasse 16, 04103 Leipzig

Building details:

- 2016-2018: Construction of a new modern printing and administration building on the central site of the Giesecke + Devrient company group
- The building of over 3 levels is located in the immediate vicinity of the city center of Leipzig and is used for the highly sensitive production of currency notes and securities



Neuer Fünfziger: Bernhard Häfner (l.) und David Slomka von der Bundesbank präsentieren den Geldschein. Gedruckt wird er bei Giesecke & Devrient in Leipzig. Foto: André Kemper

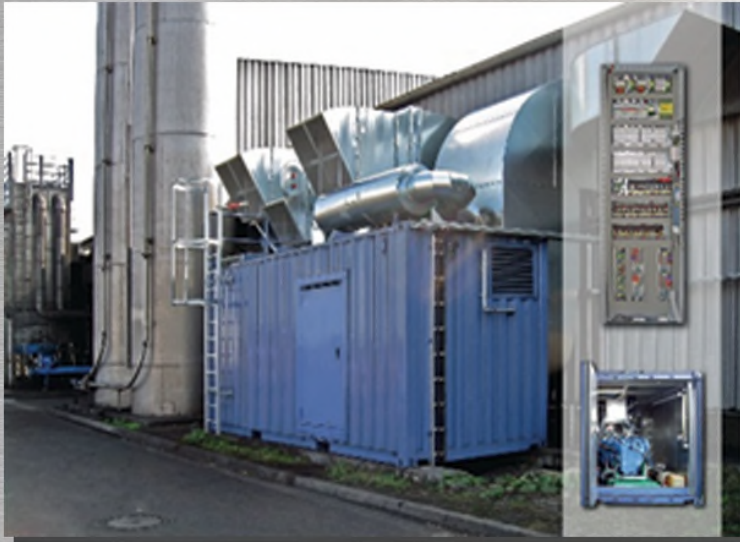
Scope of Service:

- The construction project includes the conception and installation of the building automation / M&C technology for heating, ventilation and cooling systems as well as water treatment and humidification technology for the production areas
- The parameters specified for control and regulation must be observed for all weather conditions and simultaneous full-load production of the machines over the entire year on 7 days per 24 hours - this requires the highest demands on automation technology
- Intelligent and energy-optimized load and control management for the printing industry at the highest procedural level
- Use of a decentralized process control system in the context of building and industrial technology realization

REFERENCE NATIONAL



bmsr gmbh



TOM Produktions GmbH, Max-Planck-Ring 19,
06188 Halle/Queis,

Integration of a cogeneration plant and an energy management system

Integration of a combined heat and power plant as a modular plant for gaining electrical energy and heat at the place of heat consumption is operated for the drying stages of a belt drying.

Integration into a complex energy management system for the TOM Group on production site in Halle / Queis, which processes only charcoal dust from local woods.



The modern, environmentally friendly and now very energy efficient designed production of belt drying ensures the highest product quality in the production of charcoal, charcoal grill briquettes and other fuels with a minimum CO² balance.

REFERENCE INTERNATIONAL



GreenTech and GreenEconomy in a global context

Projects example of Hangzhou in Zheijiang Province, China

- Technical equipment, automation, system engineering and training
- Planning, selection, dimensioning, construction, maintenance and service of energy-efficient technologies for low-energy and passive buildings
- Providing education and knowledge of functioning training systems for energy efficiency and energy management in Asia, including China, Vietnam, Philippines
- Development of teaching materials and training, practical treatment of renewable energy technologies
- Low-energy and passive house construction with sustainable energy generation, including electricity, climate, electricity storage & energy recovery
- The knowledge is conveyed in the real implemented example (energy efficiency house) and consolidated by theoretical education
- Universities and colleges as a multiplier - Lecturers, graduates and students pass on the knowledge about new energy-efficient technologies to administration, industry and economy, where it finds application and which in turn provides feedback to industrial companies from Germany



YOUR CONTACT



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Generate • distribute • control • save energy sustainably



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